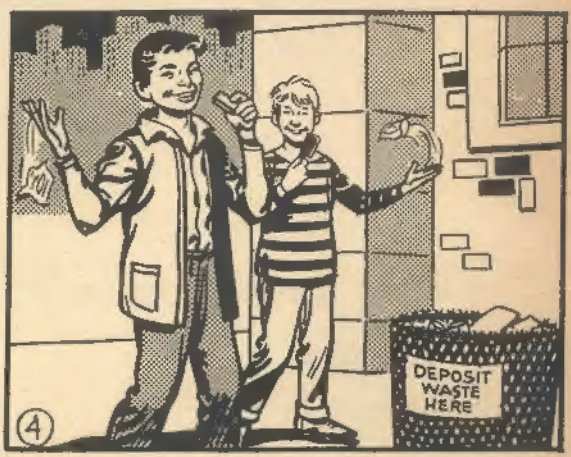
SUPERMAN
DC
NATIONAL COMICS
10¢
MAY NO. 59
APPROVED BY THE COMICS CODE AUTHORITY
MYSTERY IN SPACE
Featuring
"DUEL of the TWO ADAM STRANGES!"
I'M THE ONLY ONE WHO KNOWS THE SECRET OF HOW TO STOP THAT 70-FOOT DUPLICATE OF MYSELF FROM CONQUERING THIS WORLD!

WHAT'S WRONG *with* THESE PICTURES?

(ANSWERS IN LAST PANEL, UPSIDE DOWN)



ANSWERS:

1. SOMETHING IS ***VERY*** WRONG WHEN NOBODY GETS UP TO GIVE A SEAT TO AN OLD MAN, OR A WOMAN LOADED DOWN WITH PACKAGES!
2. TRAMPLING OVER FLOWERBEDS AND BUSHES SHOWS DISRESPECT FOR OTHER PEOPLE'S PROPERTY!
3. DARTING ACROSS A STREET FROM BETWEEN TWO CARS IS A HAZARD FOR BOTH PEDESTRIAN AND MOTORIST!
4. BEING A LITTERBUG DOESN'T HELP KEEP YOUR CITY CLEAN!
5. IT'S NOT ONLY RUDE TO CROWD AND PUSH--BUT DOWNRIGHT DANGEROUS!

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ADAM STRANGE

ACROSS 25 TRILLION MILES OF SPACE, THE PLANET RANN OF THE STAR-SUN ALPHA CENTAURI REACHES OUT FOR ADAM STRANGE, EARTHMAN... TELEPORTING HIM IN THE WINK OF AN EYE TO ITS ALIEN SEAS AND CITIES! ON RANN, ADAM HAS FALLEN IN LOVE WITH BEAUTIFUL ALANNA OF RANAGAR! HERE ALSO HE HAS FACED TERRIBLE DANGERS--BUT NO DANGER AS DEADLY AS THE ONE THAT LED TO...

THE DUEL OF THE TWO ADAM STRANGES!

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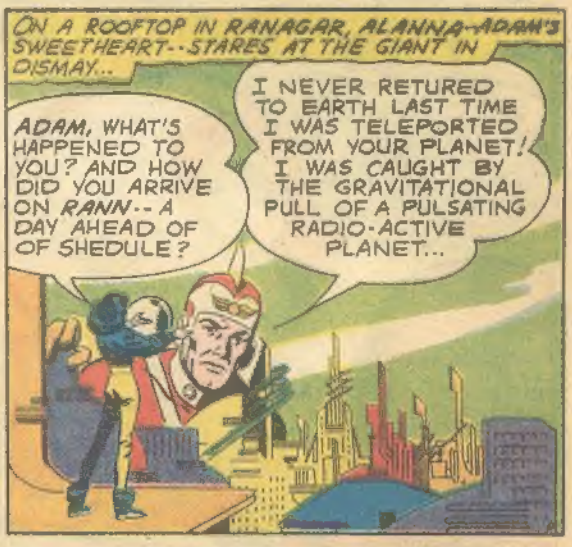
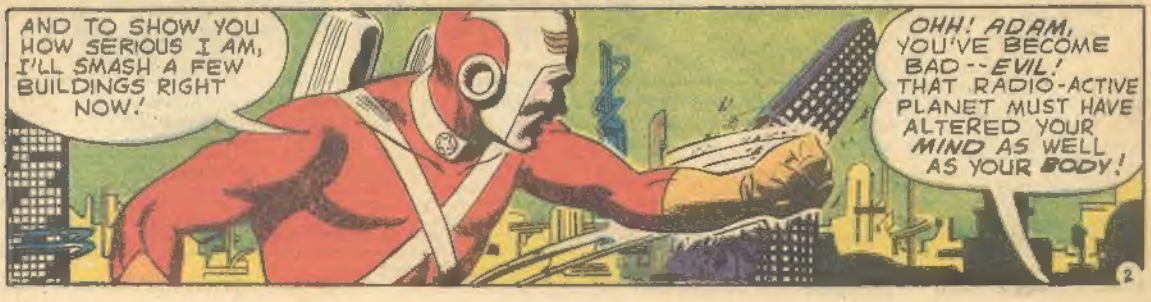
ON THE PLANET RANN WHICH ORBITS ABOUT THE STAR-SUN ALPHA CENTAURI, A MIGHTY FIGURE STRIDES TOWARD THE CITY OF RANAGAR...
IT'S ADAM STRANGE!
HOW CAN THAT BE? OUR EARTHMAN FRIEND IS NO GIANT!


ON A ROOFTOP IN RANAGAR, ALANNA-ADAM'S SWEETHEART--STARES AT THE GIANT IN DISMAY...
ADAM, WHAT'S HAPPENED TO YOU? AND HOW DID YOU ARRIVE ON RANN--A DAY AHEAD OF OF SHEDULE?
I NEVER RETURED TO EARTH LAST TIME I WAS TELEPORTED FROM YOUR PLANET! I WAS CAUGHT BY THE GRAVITATIONAL PULL OF A PULSATING RADIO-ACTIVE PLANET...

AFTER A WHILE, I WAS WHIPPED ABOUT AND HURLED BACK TO RANN... WHERE I APPEARED IN THIS GIGANTIC SIZE! I REALIZE NOW I CAN NEVER RETURN TO EARTH SO I'VE DECIDED TO MAKE MYSELF MASTER OF YOUR PLANET!

BUT OUR WORLD HASN'T HAD A RULER SINCE THE PEOPLE DEPOSED THE TYRANT AVANAR BAR, BEFORE YOU FIRST CAME TO RANN!
I SHALL BE DICTATOR, I TELL YOU! IF YOUR PEOPLE WON'T CONSENT, I'LL DESTROY THEIR CITY AND EVERYONE IN IT!


AND TO SHOW YOU HOW SERIOUS I AM, I'LL SMASH A FEW BUILDINGS RIGHT NOW!
OHH! ADAM, YOU'VE BECOME BAD--EVIL! THAT RADIO-ACTIVE PLANET MUST HAVE ALTERED YOUR MIND AS WELL AS YOUR BODY!

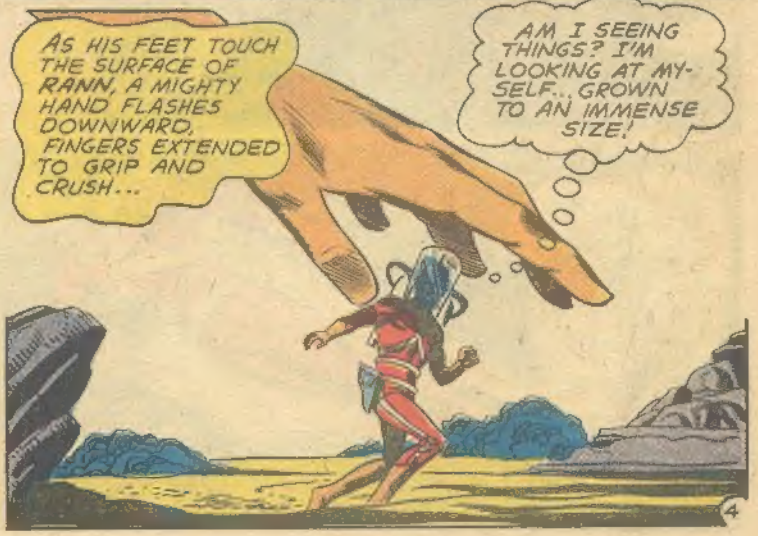
FLEET AIRCRAFT AND GROUND-BASED MISSILES ARE SENT AGAINST THE COLOSSUS WITH-OUT EFFECT...
FOOLS! NOTHING CAN HURT ME! I'M INVULNERABLE!
AMIDST THE RUINS, A FIGURE ADDRESSES THE CITIZENS OF RANAGAR...
LISTEN TO ME! I--YOUR DEPOSED RULER, AVANAR BAR--CAN SAVE YOU FROM ADAM STRANGE! I'LL DO SO IF YOU MAKE ME YOUR RULER AGAIN!
WE HAVE NO CHOICE--SAVE US!
TAKING TO THE AIR IN HIS ARMED FLIER, AVANAR BAR SHOWERS THE GIANT WITH RAY-GUN BLASTS...
HA HA! ADAM STRANGE FLEES!
THAT NIGHT A FRIGHTENED, HEARTBROKEN GIRL WEEPS BITTER TEARS..
SOB! ADAM--OH, ADAM! WHY DID THIS AWFUL THING HA-HAVE TO HA-HAPPEN TO YOU?
AT THIS VERY MOMENT, IN THE UPPER REACHES OF THE EARTH'S ATMOSPHERE, HOVERS ANOTHER ADAM STRANGE...
THE ZETA-BEAM FROM RANN WILL STRIKE AT ANY MOMENT! THE BEAM WAS DUE TO HIT IN A CROWDED CITY SO I DECIDED TO INTERCEPT IT ON THE EDGE OF SPACE ITSELF!

AS ADAM BEGINS HIS COUNT-DOWN, HE SEES...
TEN... NINE... GREAT SOL! A METEOR SHOWER-- HEADING STRAIGHT TOWARD ME! IF ONE OF THOSE CHUNKS OF METEORIC METAL, HIT ME...

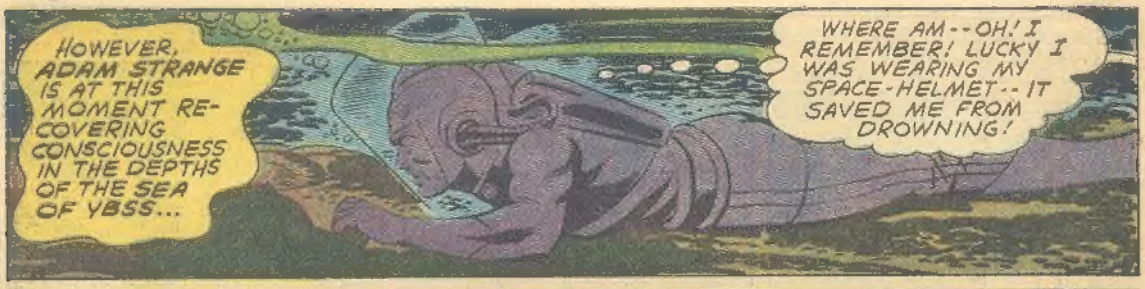
POWERED BY HIS ROCKET-JET HE VEERS SHARPLY TO HIS RIGHT AS METEORIC DESTRUCTION HURTLES PAST...
SEVEN... SIX... THAT WAS CLOSE... FOUR...

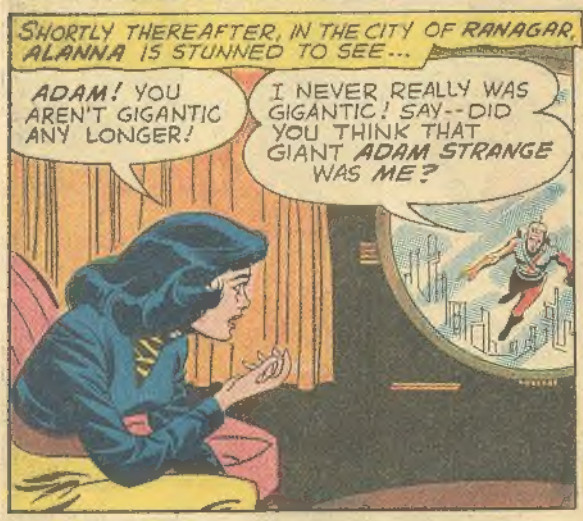
THEN IMMEDIATELY LURCHING LEFT-- SO THAT THE ZETA-BEAM HITS HIM JUST AS HE RETURNS INTO POSITION...
TWO... ONE... ZE...

ONCE MORE ADAM STRANGE IS TELE-PORTED INSTANTLY ACROSS TWENTY-FIVE TRILLION MILES OF SPACE FROM EARTH TO THE PLANET RANN!


AS HIS FEET TOUCH THE SURFACE OF RANN, A MIGHTY HAND FLASHES DOWNWARD, FINGERS EXTENDED TO GRIP AND CRUSH...
AM I SEEING THINGS? I'M LOOKING AT MY-SELF... GROWN TO AN IMMENSE SIZE!

DARTING ABOUT, THE DARING EARTHMAN ELUDES THE SAVAGE BLOWS OF HIS HUGE DOUBLE!
WHERE'S ALANNA? SHE'S ALWAYS HERE TO MEET ME! AND WHAT IS THIS THING, ANYHOW? IT SURE MEANS TO POLISH ME OFF--IF IT CAN!
SUDDENLY THE FLAT OF A MIGHTY HAND HITS ADAM A GLANCING BLOW...
OHHH!
LIKE A STONE HE PLUMMETS INTO THE SEA OF YBSS...
SPLASH!
FOR OVER AN HOUR THE GIANT STARES UNWINKINGLY AT THE SEA WATERS, BUT HIS TINY DOUBLE NEVER REAPPEARS...
THERE'S NO SIGN OF HIM! UNDOUBTEDLY HE'S PERISHED!
SHORTLY, IN A REMOTE SPOT ON RANN, THE GIANT MAKES A REPORT TO HIS MASTER, AVANAR BAR...
THE REAL ADAM STRANGE FELL INTO THE SEA AND NEVER REAPPEARED!
GOOD! NOW THE EARTHMAN CAN NEVER SHOW UP TO PROVE YOU ARE ONLY A ROBOT I INVENTED TO HELP ME RECOVER MY THRONE!


HOWEVER, ADAM STRANGE IS AT THIS MOMENT RECOVERING CONSCIOUSNESS IN THE DEPTHS OF THE SEA OF YBSS...
WHERE AM--OH! I REMEMBER! LUCKY I WAS WEARING MY SPACE-HELMET--IT SAVED ME FROM DROWNING!


SHORTLY THEREAFTER, IN THE CITY OF RANAGAR, ALANNA IS STUNNED TO SEE...
ADAM! YOU AREN'T GIGANTIC ANY LONGER!
I NEVER REALLY WAS GIGANTIC! SAY--DID YOU THINK THAT GIANT ADAM STRANGE WAS ME?

AFTER ALANNA TELLS OF AVANAR BAR'S RETURN TO POWER...
HMMM... IF AVANAR BAR HAS A SECRET WEAPON IN HIS FLIER TO CONTROL MY OVERSIZED TWIN, I THINK I'LL BORROW IT!

BUT BEFORE I DO...

MOMENTS LATER EARTH'S FIRST SPACEMAN IS RACING AWAY FROM RANAGAR IN HIS "BORROWED" FLIER...
WE'LL FLY IN LARGE CIRCLES WITH RANAGAR AS THE HUB! WE OUGHT TO FIND THE GIANT FAIRLY SOON...

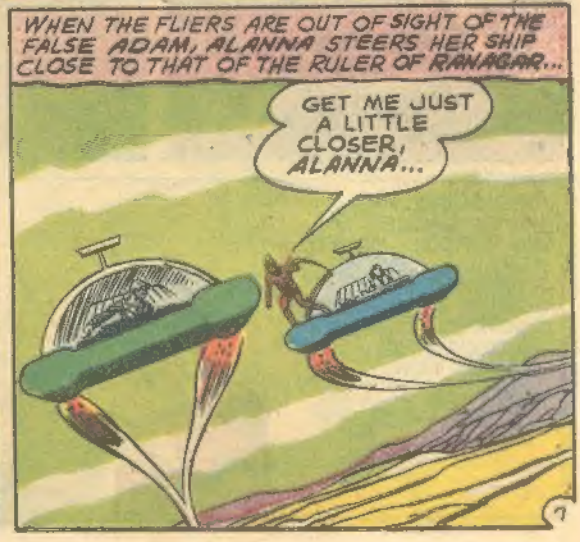
MANY MILES AWAY ADAM COMES UPON HIS DUPLICATE AND ROARS TO THE ATTACK...
WHAT'S WRONG? IF THIS RAY-GUN OVERCAME THE GIANT FOR AVANAR BAR, WHY DOESN'T IT WORK FOR ME?

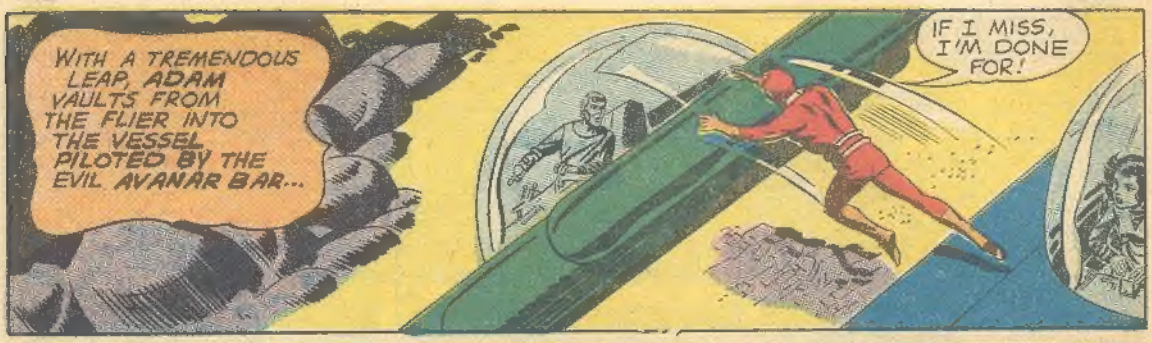
TURNING AND TWISTING, ADAM TRIES AGAIN AND AGAIN TO DOWN HIS HUGE DOUBLE...
I'M BEGINNING TO THINK THAT THIS FLIER'S RAY-GUN WAS JUST A BLIND! AVANAR BAR CONTROLLED THE TITAN BY SOME OTHER MEANS!
BUT HOW,? ADAM?

IN RANAGAR, MEANWHILE, AVANAR BAR HAS DISCOVERED THE LOSS OF HIS FLIER AND SETS OUT TO LOCATE IT...
IF ANYONE FIRES THE HARMLESS RAY-GUN I INSTALLED ON MY OTHER FLIER, HE'LL LEARN I TRICKED THE PEOPLE INTO MAKING ME DICTATOR!

SHORTLY, HE COMES IN SIGHT OF THE REAL ADAM DOING BATTLE WITH THE ROBOT ADAM...
THE OTHER FLIER HAS NO EFFECTIVE WEAPON, SO IT'LL BE EASY FOR ME TO FINISH OFF THE EARTHMAN AND HIS SWEETHEART!

ATTACKED FROM TWO SIDES, ADAM AND ALANNA MUST CALL ON ALL THEIR SKILL TO AVOID DESTRUCTION!
WE CAN'T KEEP UP THESE DODGING MANEUVERS, ADAM!
OUR ONLY WEAPON IS MY FISTS, ALANNA-- SO FLY AWAY FROM THE GIANT, TO DRAW AVANAR BAR AFTER US!


WHEN THE FLIERS ARE OUT OF SIGHT OF THE FALSE ADAM, ALANNA STEERS HER SHIP CLOSE TO THAT OF THE RULER OF RANAGAR...
GET ME JUST A LITTLE CLOSER, ALANNA...

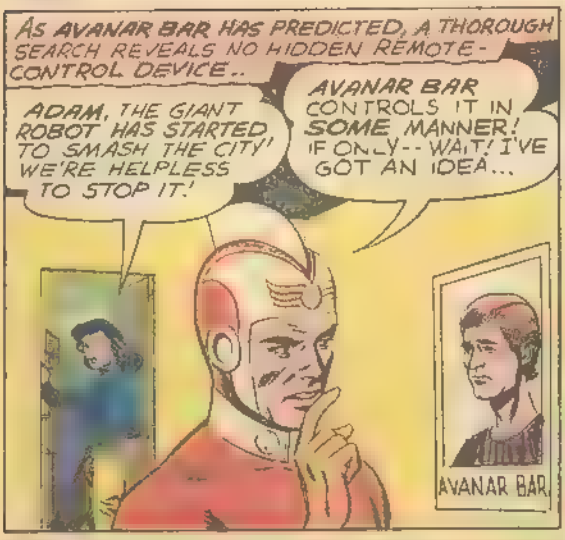

WITH A TREMENDOUS LEAP, ADAM VAULTS FROM THE FLIER INTO THE VESSEL PILOTED BY THE EVIL AVANAR BAR...
IF I MISS, I'M DONE FOR!

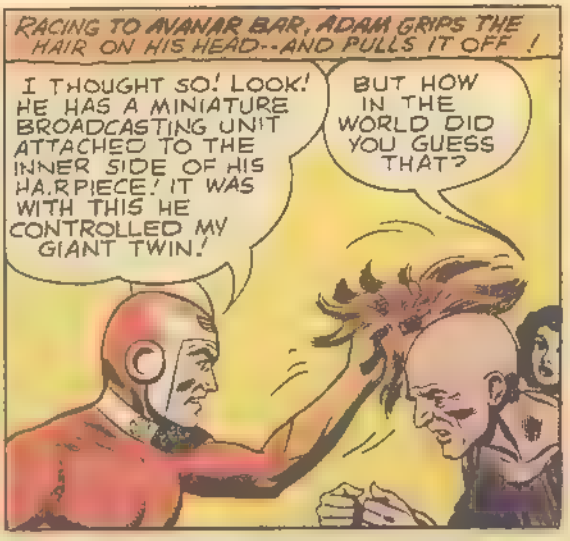
NOW YOU'RE COMING BACK WITH ME TO TELL THE PEOPLE OF RANAGAR THE TRUTH!

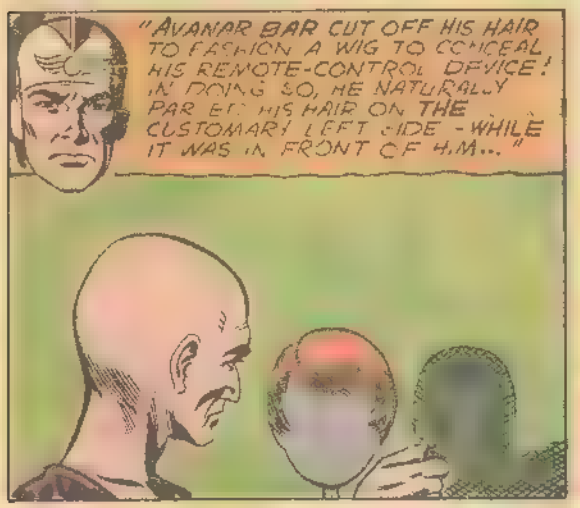
BACK IN RANAGAR, ADAM STRANGE APPEARS WITH HIS PRISONER BEFORE THE HIGH COUNCIL...
EVERYTHING EARTHMAN ADAM STRANGE HAS ACCUSED ME OF IS TRUE! I DID SCHEME TO BECOME RULER BY CONSTRUCTING A ROBOT ADAM STRANGE! BUT KNOWING ALL THIS WILL DO YOU NO GOOD!

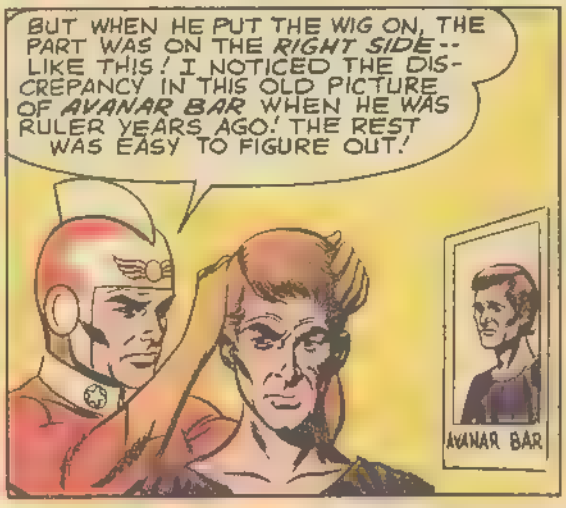
I'VE SUMMONED MY ROBOT HERE TO DESTROY RANAGAR! YOU CAN SAVE YOURSELVES ONLY BY FREEING ME!
HOW COULD HE HAVE SUMMONED THE ROBOT? EXCEPT FOR THE TIME HE WAS IN HIS CELL AWAITING TRIAL--I WAS WITH HIM EVERY MOMENT!

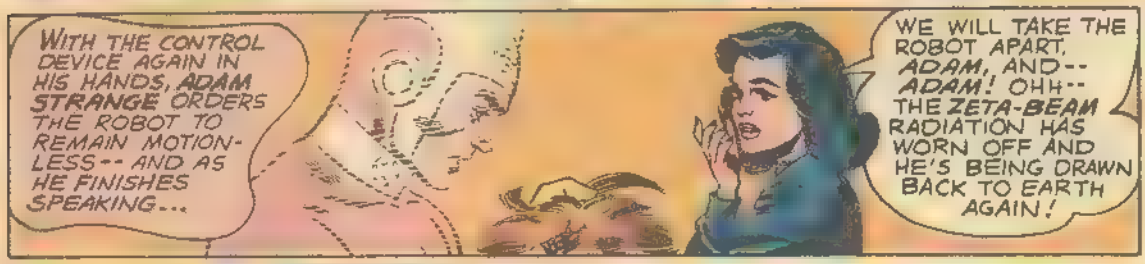
OBVIOUSLY HE HAS SOME GADGET ON HIS PERSON WHICH PERMITS HIM TO COMMAND THE ROBOT BY REMOTE CONTROL! TAKE HIM OUT AND SEARCH HIM!
YOU'LL LEARN NOTHING BY SEARCHING ME!


AS AVANAR BAR HAS PREDICTED, A THOROUGH SEARCH REVEALS NO HIDDEN REMOTE-CONTROL DEVICE..
ADAM, THE GIANT ROBOT HAS STARTED TO SMASH THE CITY! WE'RE HELPLESS TO STOP IT!
AVANAR BAR CONTROLS IT IN SOME MANNER! IF ONLY--WAIT! I'VE GOT AN IDEA...
AVANAR BAR


RACING TO AVANAR BAR, ADAM GRIPS THE HAIR ON HIS HEAD--AND PULLS IT OFF!
I THOUGHT SO! LOOK! HE HAS A MINIATURE BROADCASTING UNIT ATTACHED TO THE INNER SIDE OF HIS HAIRPIECE! IT WAS WITH THIS HE CONTROLLED MY GIANT TWIN!
BUT HOW IN THE WORLD DID YOU GUESS THAT?


"AVANAR BAR CUT OFF HIS HAIR TO FASHION A WIG TO CONCEAL HIS REMOTE-CONTROL DEVICE! IN DOING SO, HE NATURALLY PARTED HIS HAIR ON THE CUSTOMARY LEFT SIDE--WHILE IT WAS IN FRONT OF HIM..."


BUT WHEN HE PUT THE WIG ON, THE PART WAS ON THE RIGHT SIDE--LIKE THIS! I NOTICED THE DISCREPANCY IN THIS OLD PICTURE OF AVANAR BAR WHEN HE WAS RULER YEARS AGO! THE REST WAS EASY TO FIGURE OUT!
AVANAR BAR


WITH THE CONTROL DEVICE AGAIN IN HIS HANDS, ADAM STRANGE ORDERS THE ROBOT TO REMAIN MOTIONLESS--AND AS HE FINISHES SPEAKING...
WE WILL TAKE THE ROBOT APART, ADAM, AND--ADAM! OHH--THE ZETA-BEAM RADIATION HAS WORN OFF AND HE'S BEING DRAWN BACK TO EARTH AGAIN!

ON ADAM'S NATIVE WORLD...
AVANAR BAR WILL BE PUNISHED FOR HIS CRIMES AND HIS ROBOT DESTROYED! SIGH! I WISH I COULD HAVE STAYED ON RANN LONG ENOUGH TO HAVE SEEN IT!
THE END.

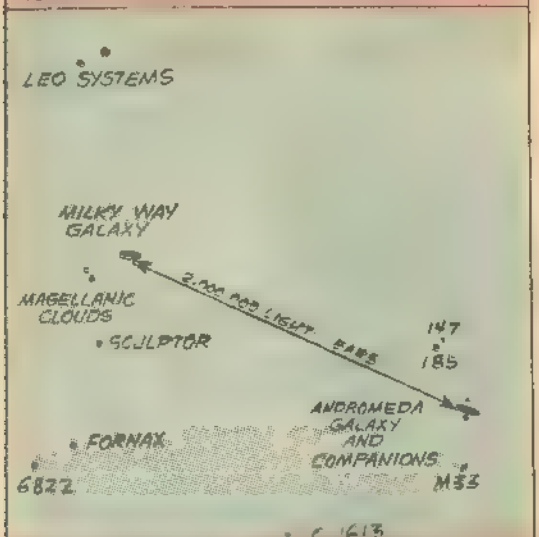
ADAM STRANGE RETURNS WITH ANOTHER THRILLING INTERPLANETARY ADVENTURE IN THE NEXT ISSUE OF **MYSTERY IN SPACE!**

OUR AMAZING UNIVERSE!

ANCIENT STAR-GAZERS FANCIED THAT A CONSTELLATION OF STARS IN THE SOUTHERN HEMISPHERE FORMED THE OUTLINE OF A **WHALE**--HENCE NAMED THE CONSTELLATION **CETUS**, AFTER THE WHALE OF GREEK MYTHOLOGY

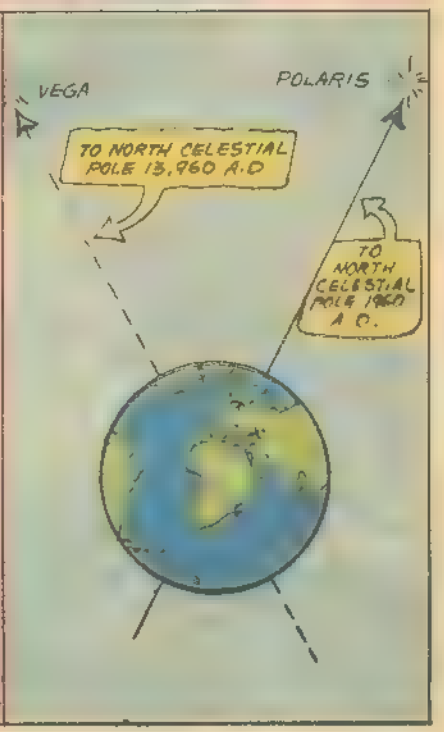
IN THE NORTHERN LATITUDES of EARTH STARS ARE SEEN TO CIRCLE THE POLE AND APPARENTLY NEVER SET. IF A CAMERA WERE MOUNTED ON A FIXED SUPPORT AND THE PLATE EXPOSED THROUGHOUT THE NIGHT, THE STARS WOULD LEAVE "TRAILS" AS DEPICTED BELOW...

THERE ARE IN THE "NEIGHBORHOOD" OF THE **MILKY WAY GALAXY**--OF WHICH OUR SOLAR SYSTEM IS A MEMBER--16 OTHER GALAXIES, WHICH ASTRONOMERS HAVE DUBBED THE **LOCAL GROUP OF GALAXIES**...



THE LOCAL GROUP OF GALAXIES (2 DWARF GALAXIES ARE NOT SHOWN)

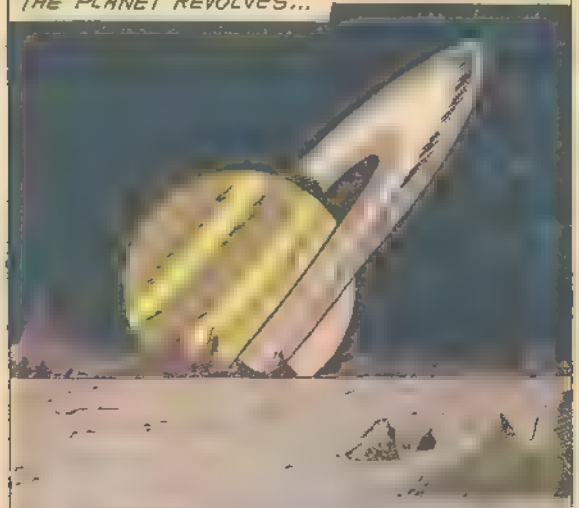
EVERY 26,000 YEARS THE NORTH POLE OF THE EARTH TRACES OUT A GREAT CIRCLE IN THE SKY. AS A RESULT THE "POLE STAR" CONSTANTLY CHANGES--SO THAT 12,000 YEARS FROM NOW THE NORTH POLE WILL POINT TO THE STAR **VEGA** INSTEAD OF **POLARIS**, THE CURRENT "POLE STAR"...



THE READERS' CHOICE!
Now SUPERMAN-DC GIVES YOU Two MAGAZINES FEATURING ADVENTURES OF THE BRAND-NEW HEROES You ASKED FOR!
SHOWCASE
The BRAVE and the BOLD
JUSTICE LEAGUE of AMERICA
A STAR-STUDDED SPECTACULAR CHALLENGE OF THE WEAPONS MASTER!
Rip Hunter TIME MASTER
GREAT SCOTT! CREATURES FROM SPACE HERE ON EARTH IN ANCIENT EGYPT!
SUPERMAN DC NATIONAL COMICS
NOW ON SALE!
ON SALE MARCH 29th

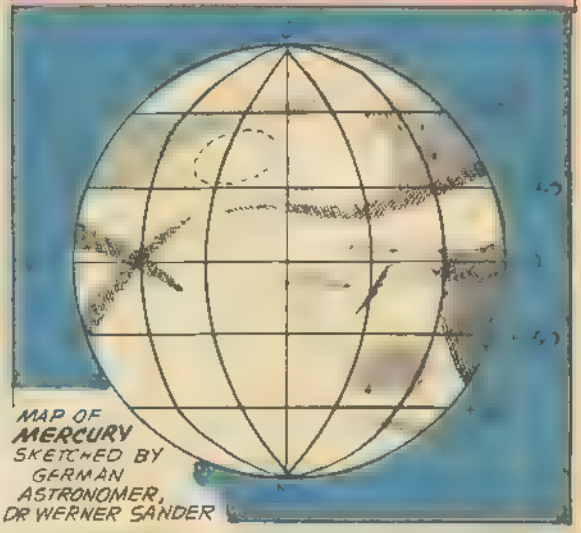
PLANETS of WONDER!

THE RINGS OF **SATURN** ARE INCLINED 27 DEGREES TO THE PLANE OF THE PLANET'S ORBIT AND KEEP THE SAME DIRECTION AS THE PLANET REVOLVES...



A VIEW OF **SATURN** FROM ONE OF ITS SATELLITES

BECAUSE **MERCURY** ALWAYS KEEPS THE SAME FACE TOWARD THE SUN--THUS PREVENTING ITS "DARK SIDE" FROM RECEIVING ANY SOLAR HEAT--IT HAS THE UNIQUE DISTINCTION OF SIMULTANEOUSLY BEING ONE OF THE HOTTEST AND COLDEST PLANETS...



MAP OF **MERCURY** SKETCHED BY GERMAN ASTRONOMER, DR WERNER SANDER

URANUS HAS SUCH A SMALL AND FAINTLY ILLUMINATED DISK THAT ASTRONOMERS FIND IT MORE DIFFICULT TO MEASURE THE PLANET'S **SIZE** THAN ITS **MASS**...

URANUS--AS SEEN FROM ONE OF ITS DISTANT SATELLITES. A CLOSER SATELLITE IS VISIBLE JUST BELOW THE PLANET.

THE GIANT OF THE SOLAR SYSTEM PLANETS--**JUPITER**--HAS A DIAMETER OF ABOUT 88,000 MILES--ELEVEN TIMES THE EARTH'S DIAMETER. IT IS SO BIG 1,321 **EARTHS** COULD BE PACKED WITHIN **JUPITER'S** VAST GLOBE. THE JOVIAN PLANET HAS A MASS ONLY 317 TIMES THAT OF **EARTH**..

TELESCOPIC APPEARANCE OF **JUPITER**

SHADOW OF JOVIAN SATELLITE **IO**, CROSSING FACE OF PLANET

"TERRA" OF THE SPACEWAYS!

JORG RANDALL WAS A FREE-SWINGING EARTHMAN WHO ROCKETED THROUGH THE GALAXIES REPAIRING THE UNIVERSE'S MOST FABULOUS VEHICLE--THE DO-EVERTHING TERRA!
YES, REPAIR WORK WAS JORG'S JOB! BUT TO TELL THE TRUTH, THINGS HAD BECOME PRETTY DULL IN HIS LIFE UNTIL MORNA DRU CAME ALONG--AND LIVENED THINGS UP!
THESE SPACE-RATS ARE OUT TO REAP A RICH REWARD FOR RESCUING THE FAMOUS MORNA DRU FROM THIS JUNGLE--EVEN IF THEY HAVE TO KILL ME TO DO IT!
KANE & ANDERSON

JORG RANDALL, IN INTERSTELLAR SPACE-DRIVE, PASSES THE TIME BY TALKING TO HIS PET URANIAN MON-CAT...
WE'LL BE ON CHUGA SOON--THE THIRD MOON OF THE FOURTH PLANET OF THE FIFTH STAR OF GALAXY SIX! MAKES IT EASY TO REMEMBER, EH, PETE?
BEEP!
AND WE'D BETTER NOT MISS IT! OR ABOUT A HUNDRED BROKEN-DOWN TERRAS WON'T BE PUT IN WORKING ORDER! BUT WAIT--DO YOU KNOW WHAT A "TERRA" IS, PETE? MAYBE I'D BETTER ENLIGHTEN YOU...
BEEP!
AT THE BEGINNING OF THIS 24TH CENTURY AN EARTH-MAN NAMED HARL DRU HAD A GREAT AMBITION--TO FILL THE UNIVERSE WITH A CHEAP, COMPACT AIR-GROUND VEHICLE THAT HE INVENTED! HE CALLED IT AFTER EARTH--THE TERRA!*
* Editor's Note TERRA IS THE ASTRONAUTIC NAME FOR EARTH!
TODAY THE DRU FAMILY IS ABOUT THE RICHEST IN THE COSMOS! YOU CAN'T GO ANYWHERE WITHOUT SEEING TERRAS! AND I SERVICE THEM! THAT'S MY HUMBLE BUT IMPORTANT JOB, PETE!
SOON.
CHUGA AHEAD! FASTEN SEAT-BELTS! WE'RE GOING DOWN...
BEEP!
AFTER A NEAT LANDING..
GREAT SUFFERING MON-CATS! THAT SPACE-YACHT--EITHER I'M GRAV-HAPPY OR IT BELONGS TO MORNA DRU, THE ONLY DAUGHTER OF HARL DRU II, AND SOLE HEIRESS TO THE TERRA FORTUNE!

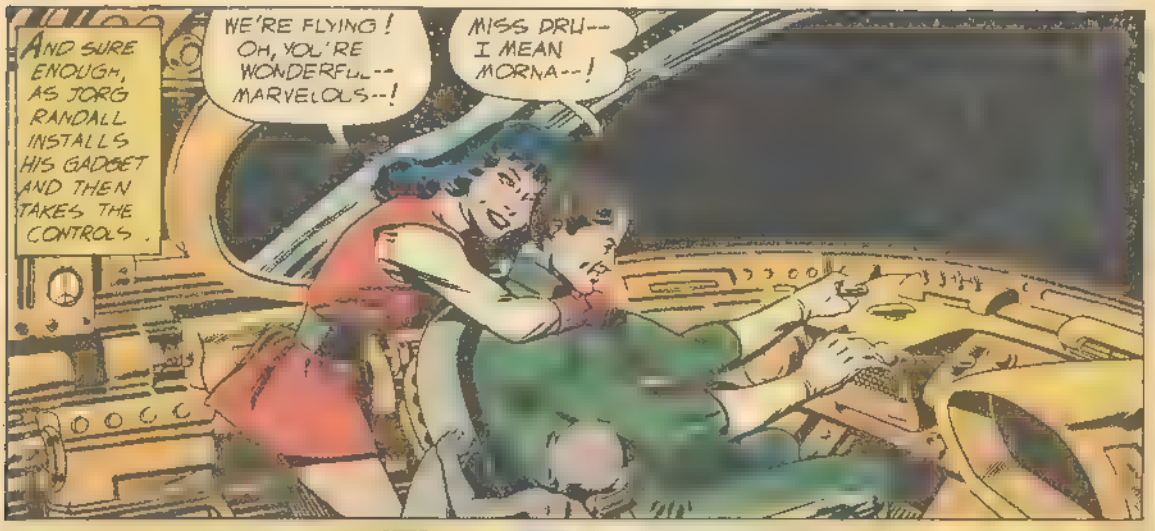
I'VE SEEN SHOTS OF HER YACHT ON NEWS-VISION--BUT WHAT COULD MORNA DRU POSSIBLY BE DOING ON THIS FAR-OFF WORLD? I'D BETTER MAKE SURE THERE'S NOTHING WRONG...
BUT AS JORG RANDALL APPROACHES THE SLEEK SHIP.
OF COURSE YOU DON'T NEED ANY SPECIAL PARTS! ANY MECHANIC ON EARTH COULD FIX THIS MOTOR IN TEN MINUTES! WHY DON'T YOU DO SOMETHING?
Hmm--THE VOICE OF AUTHORITY!
EXCUSE ME, MISS DRU! I COULDN'T HELP OVERHEARING... MAYBE I CAN HELP--!
WHO ARE YOU?
I'M A TERRA REPAIRMAN! JORG RANDALL'S THE NAME, AND THIS IS PETE, MY MON-CAT! SAY HELLO TO THE LADY, PETE...
BEEP!
A TERRA REPAIRMAN! VERY WELL--FIX MY MOTOR--AT ONCE!
I REGARD THAT AS AN ORDER--BECAUSE IT OBVIOUSLY IS ONE!
SPOILED BRAT!
KNOW-IT-ALL!

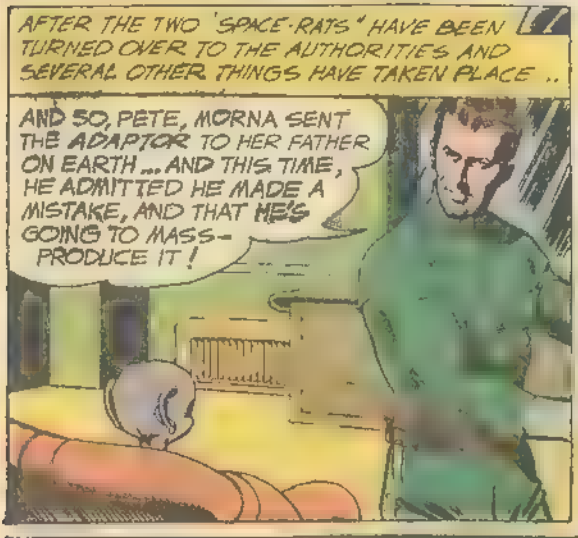
AFTER THE SPACE-YACHT'S MOTOR HAS RESPONDED TO THE "RANDALL TOUCH"..
WELL, YOU SHOULDN'T HAVE ANY MORE TROUBLE OF THE KIND THAT FORCED YOU TO LAND HERE, MISS DRU! BUT IF YOU WANT TO AVOID ANY TROUBLE ANYWHERE YOU'LL INSTALL ONE OF THESE ADAPTORS...
NEVER HEARD OF IT!
IT'S MY OWN INVENTION! YOU'VE GOT A TERRA-TYPE MOTOR IN YOUR SHIP AND THIS ADAPTOR IS MADE TO FIT SUCH A MOTOR! IT ENABLES THE INTAKE OF YOUR MOTOR TO ADAPT INSTANTLY TO ALL KINDS OF PLANETARY ATMOSPHERES AND RADIATIONS...
REALLY? IF IT'S SO GOOD, WHY HAVEN'T YOU OFFERED IT TO MY FATHER? HE BUYS INVENTIONS FROM OUR EMPLOYEES--!
I DID! HE KEPT IT AWHILE, THEN SENT IT BACK!
IT WAS DECLARED UNWORKABLE! BUT HE'S WRONG--
EXCUSE ME, MR. RANDALL! I PREFER TO TAKE MY FATHER'S WORD--AGAINST YOURS!
AS THE SPACE-YACHT BLAZES OFF...
THERE SHE GOES, PETE! AND YOU KNOW WHAT--SHE FORGOT TO SAY THANK YOU! OH, WELL, I'M JUST A HIRED HAND AS FAR AS MORNA DRU IS CONCERNED!
BEEP!
WHEREUPON JORG RANDALL SETTLES DOWN TO HIS JOB...
BRING IT OVER, PAL! THAT'S WHY I'M HERE!
SOMETHING WRONG WITH THIS TERRA! YOU FIX--?

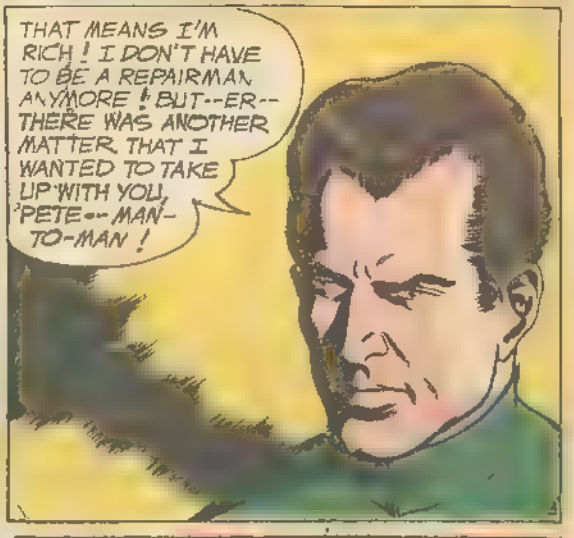
AS ONE BY ONE THE NATIVES BRING THEIR TERRAS UP FOR EXPERT REPAIR...
SOMEHOW..THINGS SEEM DULL HERE SINCE MORNA DRU LEFT! AH, ME! EH? A NEWS FLASH OVER THE CHUGA NETWORK...
SPECIAL BULLETIN...
...AND THE CRAFT OF MISS MORNA DRU WAS SEEN TO CRASH MINUTES AGO IN THE CHUGA SECTOR KNOWN AS YELLOW GEYSER VALLEY!
GREAT SPACESPOUTS!
TIME OUT, FELLOWS! I'VE GOT THINGS TO DO!
COME ON, PETE! THAT YELLOW GEYSER VALLEY IS NO PLACE FOR A LADY!
BEEP!
MEANWHILE IN CHUGA CITY...
FEAR IS FELT FOR MISS DRU'S SAFETY!
GRUSOM, THIS IS THE CHANCE WE'VE BEEN WAITING FOR! IF WE RESCUE MORNA DRU FROM YELLOW VALLEY--
--HER OLD MAN IS BOUND TO HAND US A BIG REWARD! WE'LL BE RICH!
WHAT ARE WE WAITIN' FOR, SMILEY? LET'S BLAST OFF!
WHOOM
SHORTLY...
GRUSOM, LOOK! IT'S THAT MECHANIC--THE TERRA-MAN! HE'S HEADIN' TOWARD YELLOW VALLEY TOO!

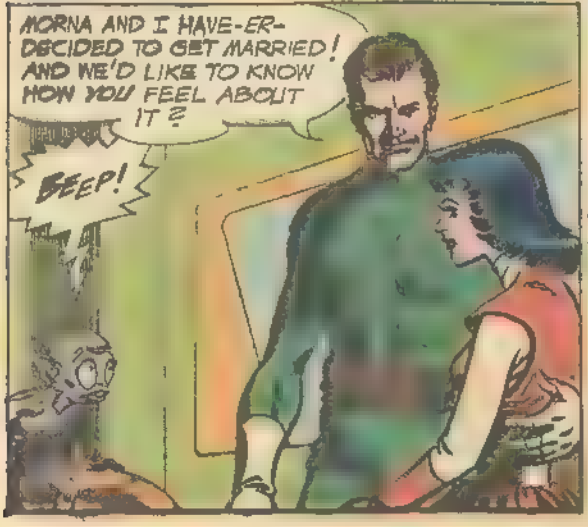
HE MUST BE OUT TO RESCUE THE GIRL! WE CAN'T LET HIM DO THAT!
RIGHT! WE'VE GOT TO RESCUE HER! STOP HIM--COLD!
THE NEXT MOMENT A POWERFUL RAY-BOLT STRIKES RANDALL'S SHIP...
THAT SHIP--KNOCKING ME OUT OF THE SKY! GOING TO CRASHLAND--!
AS THE RUTHLESS DUO SPEEDS ON.
THAT TAKES CARE OF THE COMPETITION GRUSOM! WE'RE NOT GONNA SHARE THAT REWARD WITH NOBODY--UH--YOU NOTICE SOMETHING?
OUR SHIP..
WE'RE GOING DOWN! OUR MOTOR'S FAILED!
TRY TO MAKE A GOOD-ENOUGH LANDING--TO KEEP US ALIVE!
WHEW! MADE IT ALL RIGHT!
ALL RIGHT? IT'S PERFECT!
--WE LANDED PRACTICALLY AT MISS DRU'S FEET!
MISS MORNA DRU.. I BELIEVE..?

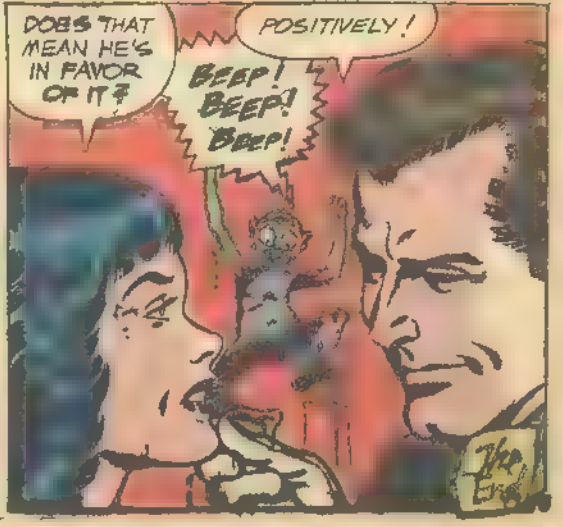
AFTER VAINLY TRYING TO PERSUADE MORNA TO ACCOMPANY THEM OUT OF THE VALLEY
AW, COME ON, LADY! WE'RE HERE TO RESCUE YOU!
IT TOOK A LOT OF RUNNING, BUT I'VE CAUGHT UP TO THOSE TWO WHO BLASTED MY SHIP!
AS JORG RANDALL PILES INTO HIS WOULD-BE ASSASSINS..
YOU SPACE-RATS PUT MY SHIP OUT OF COMMISSION, BUT YOU DIDN'T DO ANYWHERE NEAR THE DAMAGE TO ME --
BEEP!
--THAT I'M GOING TO DO TO YOU!
AFTER THE UNSAVORY DUO HAS BEEN GROUNDED..
OUR ONLY REAL CHANCE TO GET OUT OF HERE, MISS DRU, IS TO INSTALL INTO YOUR MOTOR THIS ADAPTOR I BROUGHT WITH ME! YOU SEE...
...THE GEYSERS IN THIS VALLEY SHOOT UP A STRANGE YELLOW GAS... AND AS YOU FLEW OVER, YOUR MOTOR REFUSED TO OPERATE IN THE UNUSUAL ATMOSPHERE! BUT MY ADAPTOR WILL MAKE IT WORK!
YOU--ER-- HAVE MY PERMISSION TO TRY IT!


AND SURE ENOUGH, AS JORG RANDALL INSTALLS HIS GADGET AND THEN TAKES THE CONTROLS.
WE'RE FLYING! OH, YOU'RE WONDERFUL--MARVELOUS--!
MISS DRU--I MEAN MORNA--!


AFTER THE TWO 'SPACE-RATS' HAVE BEEN TURNED OVER TO THE AUTHORITIES AND SEVERAL OTHER THINGS HAVE TAKEN PLACE..
AND SO, PETE, MORNA SENT THE ADAPTOR TO HER FATHER ON EARTH... AND THIS TIME, HE ADMITTED HE MADE A MISTAKE, AND THAT HE'S GOING TO MASS-PRODUCE IT!


THAT MEANS I'M RICH! I DON'T HAVE TO BE A REPAIRMAN ANYMORE! BUT--ER--THERE WAS ANOTHER MATTER THAT I WANTED TO TAKE UP WITH YOU, PETE--MAN-TO-MAN!

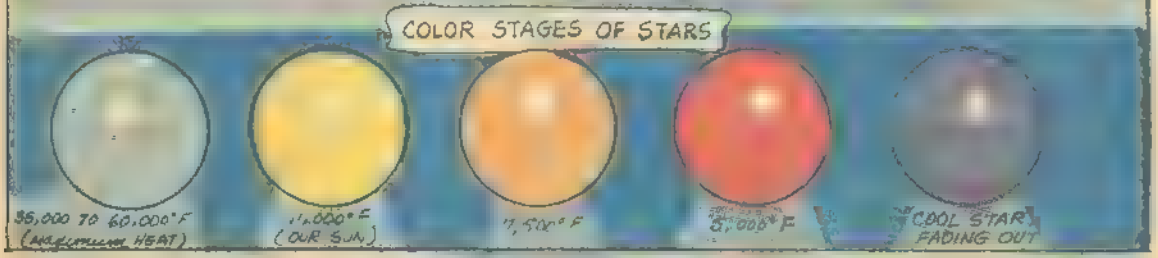

MORNA AND I HAVE-ER-DECIDED TO GET MARRIED! AND WE'D LIKE TO KNOW HOW YOU FEEL ABOUT IT?
BEEP!


DOES THAT MEAN HE'S IN FAVOR OF IT?
POSITIVELY!
BEEP! BEEP! BEEP!

GIANTS OF THE TELESCOPE

JACOBUS C. KAPTEYN (1851-1922)

IN 1895, WHEN DIRECTOR OF THE ASTRONOMICAL LABORATORY AT GRONINGEN, HOLLAND, KAPTEYN DETERMINED THAT THE AVERAGE COLOR OF THE STARS IN OUR **MILKY WAY GALAXY** IS **BLUER** THAN STARS OF OTHER GALAXIES, HE ATTRIBUTED THIS TO **GALACTIC ABSORPTION** (THE PRESENCE OF COSMIC MATTER WHICH DARKENS THE LIGHT OF MORE DISTANT STARS)...



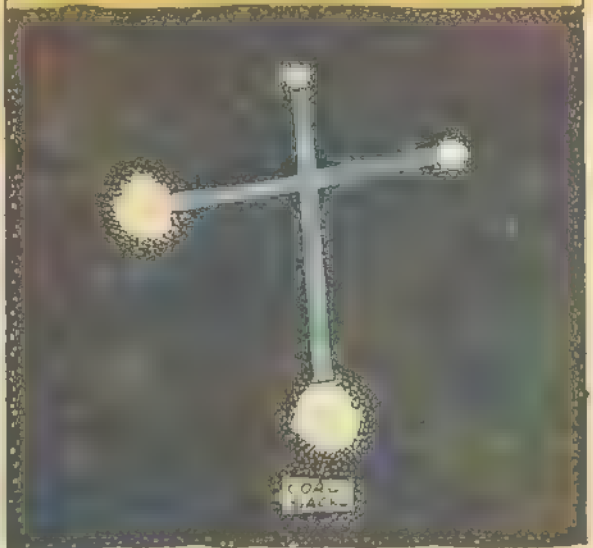
NINE YEARS LATER, KAPTEYN DEMONSTRATED THAT OBSERVABLE STARS WERE ARRANGED IN TWO STREAMS MOVING IN OPPOSITE DIRECTIONS. ONE STREAM WAS DIRECTED TOWARD THE CONSTELLATION **ORION**, THE OTHER TOWARD THE CONSTELLATION **SCUTUM**. THE LINE CONNECTING THESE TWO POINTS WAS EXACTLY PARALLEL TO THE **MILKY** WAY..

EDGE-ON VIEW OF **MILKY WAY GALAXY** (SURROUNDING "CIRCLES" ARE GLOBULAR CLUSTERS OF STARS)

KAPTEYN'S NEXT ASTRONOMICAL CONTRIBUTION CAME IN 1906 WITH HIS **PLAN OF SELECTED AREAS**--A NOVEL METHOD OF OBTAINING KNOWLEDGE OF **ALL** STARS FROM CONCENTRATED STUDIES OF A SMALL NUMBER OF TYPICAL STARS. CHOOSING 206 UNIFORMLY DISTRIBUTED AREAS, HE PROPOSED THAT OBSERVATORIES FIND THE NUMBER, PROPER MOTIONS, MAGNITUDES, ETC., OF THE STARS IN THESE AREAS--AND THEN EXTEND THE FINDINGS TO THE ENTIRE STARRY UNIVERSE.

HOW AN **S-SHAPED NEBULA** PRODUCES A **"BLACKOUT"** IN THE **MILKY WAY**

WORKING FROM PHOTOGRAPHIC PLATES OF STARS OF THE SOUTHERN SKY, KAPTEYN COMPILED A MONUMENTAL CATALOGUE LISTING THE CO-ORDINATES AND MAGNITUDES OF 400,000 STARS



A SEGMENT OF THE SOUTHERN MILKY WAY. THE 4 STARS AT TIPS OF THE CROSS FORM THE **SOUTHERN CROSS CONSTELLATION**. THE **COAL SACK** IS A DARK NEBULA

WONDERS of SPACE

Dear Science Editor,

Who was the first to discover that the planet Saturn was surrounded by rings?

O.N.,
Long Beach, Calif.

Dear O.N.,

The first inkling that Saturn had something EXTRA about it was obtained by Galileo, inventor of the telescope. On July 30, 1610 Galileo announced his momentous discovery in a letter to Belisario Vinta, secretary of state to the Grand Duke of Tuscanny. The Italian astronomer wrote:

"I began on the twenty-sixth of this month to observe Jupiter again, in the early morning in the East, with its group of Medicean planets. Moreover, I have discovered a most extraordinary marvel, which I want to make known to Their Highnesses and Your Lordship, but I want it kept secret until it is published in the work which I am going to have printed. But I want to announce it to Their Most Serene Highnesses so that, if someone else should discover it, they would know that no one observed it before I did. Yet I believe that no one will see it before I inform him. The fact is that the planet Saturn is not one alone, but is composed of three, which almost touch one another and never move nor change with respect to one another. They are arranged in a line parallel to the zodiac, and the middle one is about three times the size of the lateral ones. They are arranged in the form of o O o, as I will show Their Highnesses this autumn, when it will be very easy to observe the celestial object with all the planets above the horizon."

About a year later, Galileo met another stunning surprise. The smaller flanking globes about Saturn had completely vanished! The following year, Galileo gasped in astonishment when he observed the reappearance of the globes!

The first enigma, we now realize, was due to imperfections of primitive telescopes, which could not show a true image of Saturn's rings! The wide handles of the rings appeared to some later observers as smaller globes, either attached or self-contained; to others as bright "ears" or "handles" at the planet's sides. It wasn't until 1659 that the optical riddle was finally solved, when the Dutch astronomer Huyghens determined that Saturn was girdled by a "flat ring nowhere touching the planet." This ring, of course, is now known to comprise at least three concentric rings.

The disappearance and reappearance of the rings that mystified Galileo was due to the rings' changing aspect, as viewed from the Earth. Every 15 years these extremely thin, flat rings come into line with the Earth, seeming to close to an edgewise position—so much so that they are then hard to detect even with the largest modern-day telescopes. Occasionally, the rings vanish completely for a day or so.

Science Editor

* * *

Dear Science Editor,

Why do stars have different colors?

S.S.,
Chicago, Ill.

Dear S.S.,

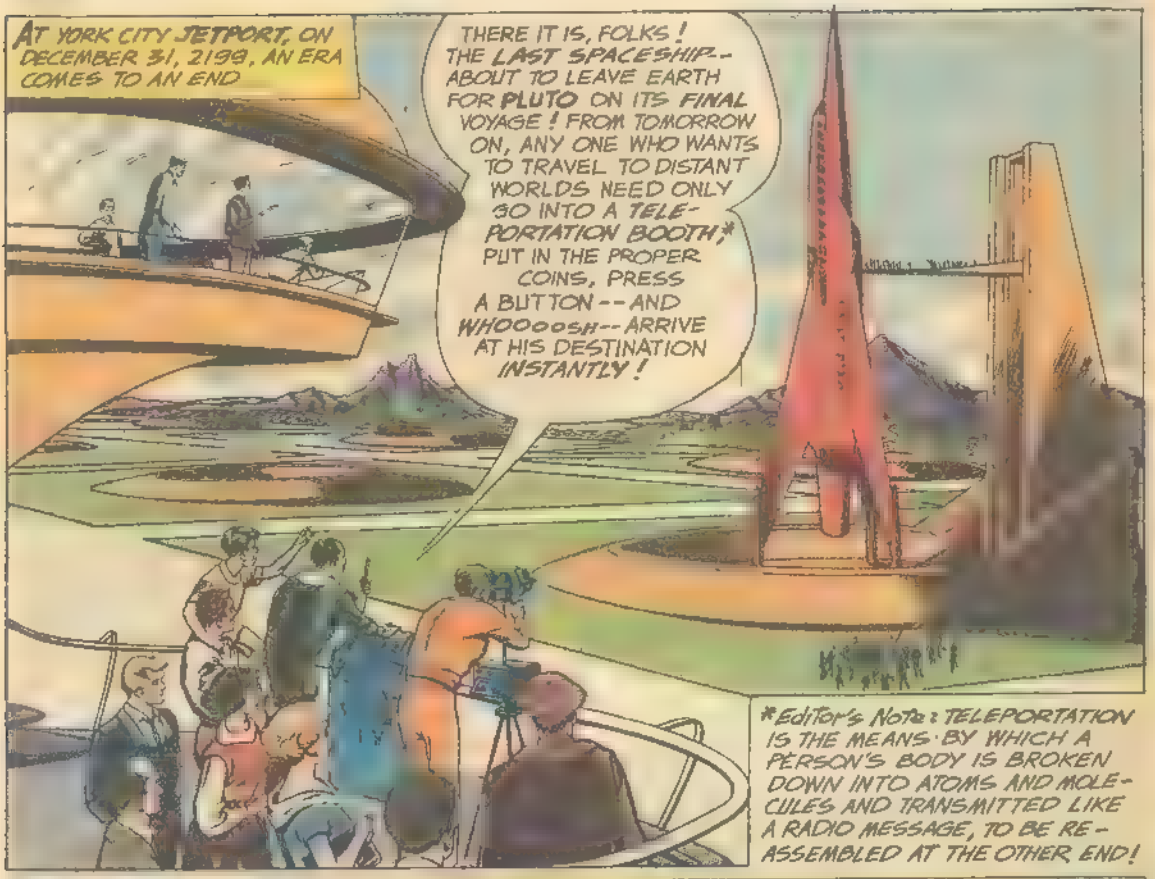
The color of a star depends upon the star's surface temperature, and from the colors of different stars it is possible to obtain some idea of their temperatures. Red stars are cooler than white stars, just as a piece of red-hot iron is cooler than a white-hot one. The changes of light that a star undergoes are due to changes in temperature—with the light energy varying as the fourth power of absolute temperature. Accordingly, a star of 6000° temperature radiates 16 times as much energy as a similarly-sized star with a temperature of 3000°.

Science Editor.

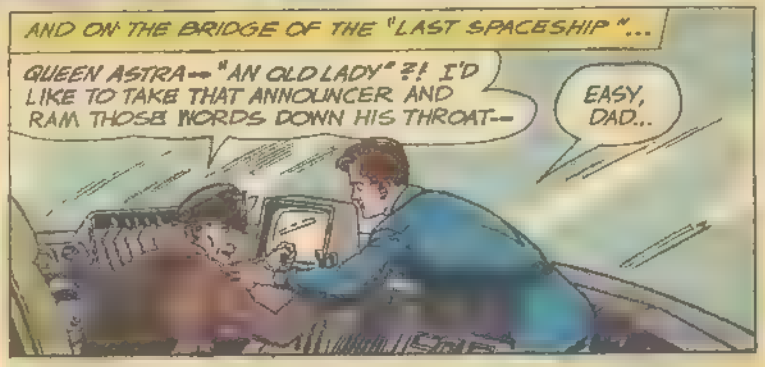
During the ages man has continually devised new ways of getting places fast... faster...ever faster! In the last days of the 22nd century, spaceship-travel between worlds is rated too slow and a sensational new method of long distance travel is introduced to the public! The dramatic story of the LAST SPACESHIP journey is told in..

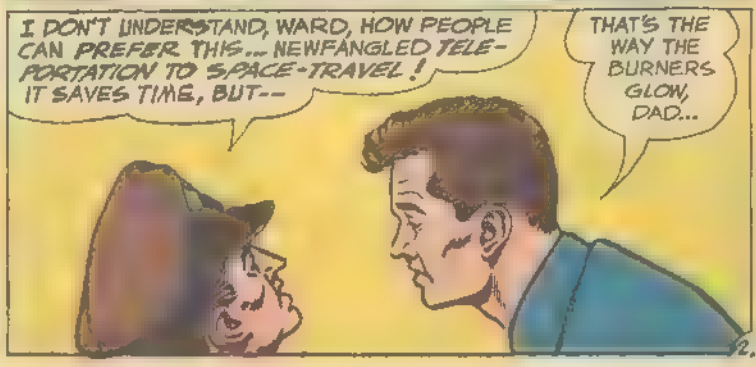
GLORY RIDE to PLUTO!

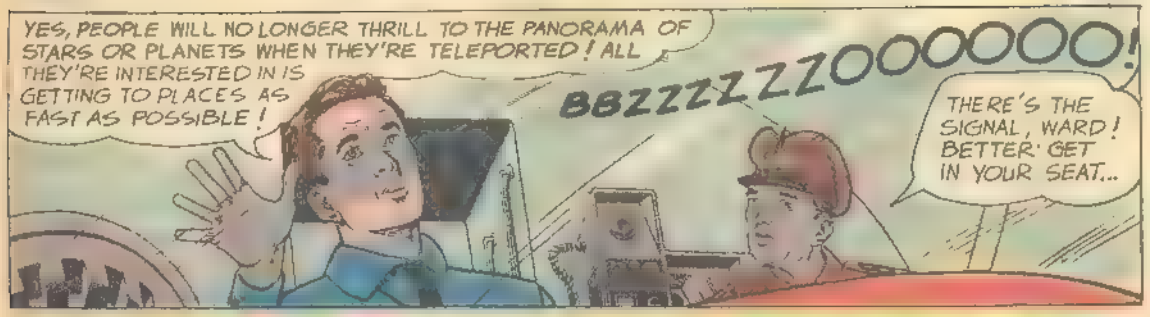
MY ONLY HOPE FOR BRINGING THE QUEEN ASTRA SAFELY THROUGH THAT SPACE-TORNADO IS TO KEEP HER NOSE HEADED INTO THE STORM! IF I FAIL--EVEN FOR A MICRO-SECOND--IF WE TURN BROADSIDE--IT WILL CRACK US RIGHT IN TWO!

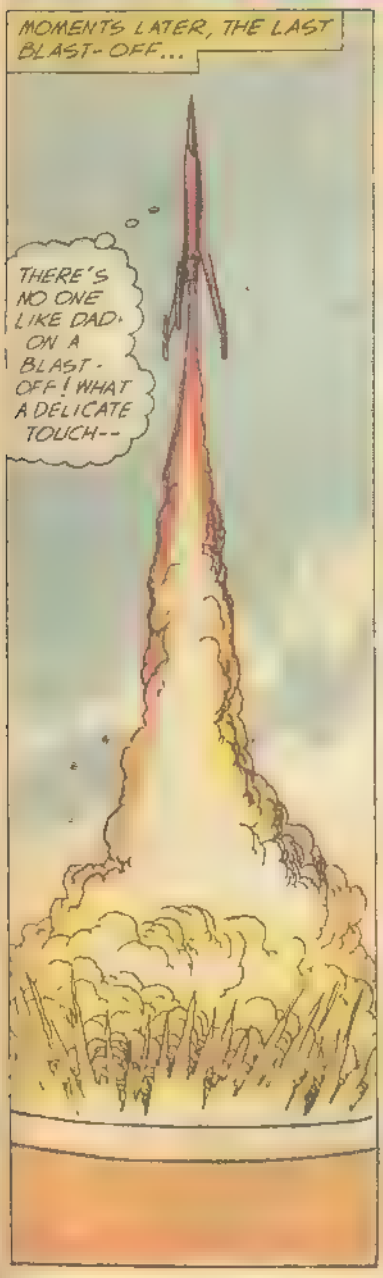

AT YORK CITY JETPORT, ON DECEMBER 31, 2199, AN ERA COMES TO AN END
THERE IT IS, FOLKS! THE LAST SPACESHIP--ABOUT TO LEAVE EARTH FOR PLUTO ON ITS FINAL VOYAGE! FROM TOMORROW ON, ANY ONE WHO WANTS TO TRAVEL TO DISTANT WORLDS NEED ONLY GO INTO A TELE-PORTATION BOOTH,* PUT IN THE PROPER COINS, PRESS A BUTTON--AND WHOOOOSH--ARRIVE AT HIS DESTINATION INSTANTLY!
*EDITOR'S NOTE: TELEPORTATION IS THE MEANS BY WHICH A PERSON'S BODY IS BROKEN DOWN INTO ATOMS AND MOLECULES AND TRANSMITTED LIKE A RADIO MESSAGE, TO BE RE-ASSEMBLED AT THE OTHER END!

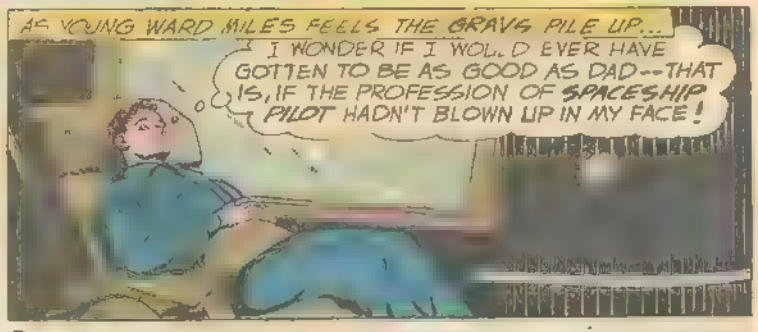
SPACESHIPS HAVE BECOME OBSOLETE-LIKE THE STAGE-COACH, FERRY BOAT, STREET CAR! HOWEVER, I ASSURE ALL THOSE WHO HAVE BOOKED PASSAGE ON THE QUEEN ASTRA THAT THE VETERAN CAPTAIN MILES WILL BRING THE OLD LADY INTO PLUTO PORT ON SCHEDULE!


AND ON THE BRIDGE OF THE "LAST SPACESHIP"...
QUEEN ASTRA--"AN OLD LADY"?! I'D LIKE TO TAKE THAT ANNOUNCER AND RAM THOSE WORDS DOWN HIS THROAT--
EASY, DAD..


I DON'T UNDERSTAND, WARD, HOW PEOPLE CAN PREFER THIS... NEWFANGLED TELE-PORTATION TO SPACE-TRAVEL! IT SAVES TIME, BUT--
THAT'S THE WAY THE BURNERS GLOW, DAD...


YES, PEOPLE WILL NO LONGER THRILL TO THE PANORAMA OF STARS OR PLANETS WHEN THEY'RE TELEPORTED! ALL THEY'RE INTERESTED IN IS GETTING TO PLACES AS FAST AS POSSIBLE!
BBZZZZZZOOOOOO!
THERE'S THE SIGNAL, WARD! BETTER GET IN YOUR SEAT...


MOMENTS LATER, THE LAST BLAST-OFF...
THERE'S NO ONE LIKE DAD ON A BLAST-OFF! WHAT A DELICATE TOUCH--


AS YOUNG WARD MILES FEELS THE GRAVS PILE UP...
I WONDER IF I WOULD EVER HAVE GOTTEN TO BE AS GOOD AS DAD--THAT IS, IF THE PROFESSION OF SPACESHIP PILOT HADN'T BLOWN UP IN MY FACE!

ON LEVEL FLIGHT FINALLY, WITH ALL ATOMIC MOTORS THRUMMING...
MIGHT AS WELL TAKE A LOOK IN THE LOUNGE... SEE WHO'S ON THIS LAST TRIP! I NOTICED QUITE A FEW CELEBRITIES EARLIER...

THERE'S ONE OF THEM... VORI DAWN, THE TV ACTRESS! SHE'S ALONG FOR THE PUBLICITY... TURNING THIS INTO A GLORY RIDE!

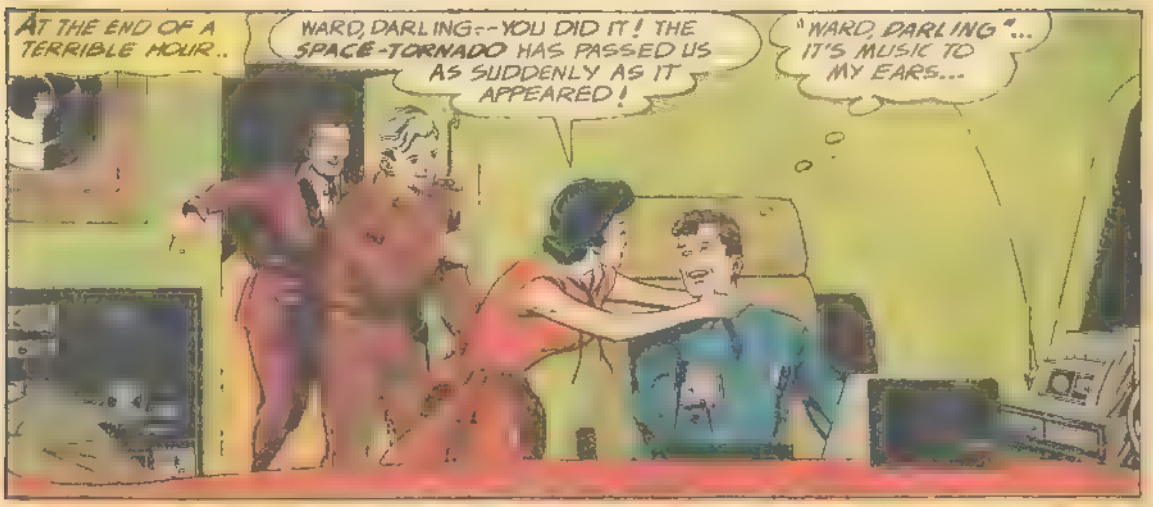
AND THERE'S HARL VINCENT--THE FAMOUS BIG-GAME HUNTER!

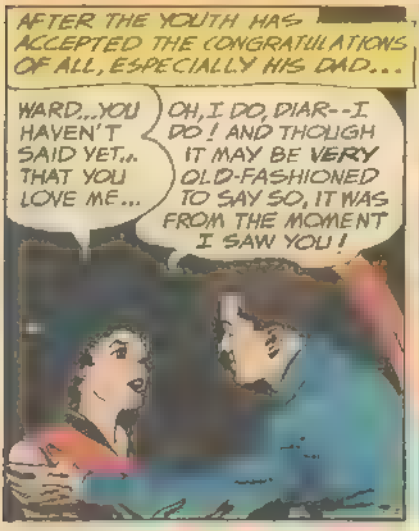
HE'S GOING TO PLUTO TO BAG A WILD PLUTO-CAT FOR HIS TROPHY ROOM!
AS THE YOUTH'S GAZE CONTINUES TO SCAN HIS FELLOW-VOYAGERS...
WHO IS SHE?
Hmmm! I GUESS THE EASIEST WAY TO FIND OUT IS TO ASK...!
WITH THE EASY CAMARADERIE OF SHIP-BOARD, WARD GETS ACQUAINTED...
SO HER NAME IS DIAR TAINE!
I'VE BEEN AMUSING MYSELF, MISS TAINE, FIGURING OUT WHAT ALL OF US ARE DOING ON THIS LAST ROCKET TO PLUTO! NOW TAKE THAT MAN...
I HAPPEN TO KNOW HE WAS AN ORIGINAL PASSENGER ON THE FIRST SPACESHIP-TRIP TO PLUTO FIFTY YEARS AGO! HE'S TAKING THIS LAST TRIP BACK FOR SENTIMENTAL REASONS!
HOW IN-TERESTING!
IN FACT MISS TAINE, I'VE GOT THE FACTS ON JUST ABOUT EVERYONE-- BUT YOU...
MY STORY ISN'T SO DRAMATIC, MR. MILES...
I WAS BROUGHT UP ON PLUTO AT THE EARTH-COLONY THERE! AND LAST MONTH MY PARENTS DECIDED IT WAS TIME FOR ME TO MARRY! SO THEY CONSULTED THE MARRIAGE MACHINE...
OH--

YOU KNOW ABOUT THE MARRIAGE MACHINE! .IT'S N USE ALL OVER THE SYSTEM!
SURE! ROMANTIC MARRIAGES ARE OLD FASHIONED-- IT'S OUT OF DATE AS--ER--SPACE-SHIPS!
YES WE LIVE IN AN ADVANCED AGE, MISS TAINE! BUT I'M NOT SURE I DON'T PREFER THE GOOD OLD DAYS!
WELL, ANYWAY, THE MACHINE TOOK MY SPECIFICATIONS..
"...AND THE ATTENDANT INSISTED ON EXPLAINING HOW IT WORKS..."
THIS MACHINE NOW KNOWS ALL ABOUT YOU, MISS TAINE -- YOUR LIKES AND DISLIKES, HABITS AND TALENTS! .IT WILL SCIENTIFICALLY SELECT THE ONE ELIGIBLE MAN IN THE SYSTEM WHOSE SPECIFICATIONS MATCH YOURS PERFECTLY!
I CAME TO EARTH, MET MY "PERFECT MATE"-- AND COULDN'T STAND HIM! SO NOW I'M GOING HOME... STILL UNMARRIED...
BUT...WHY BY THIS LAST SPACESHIP, MISS TAINE? WHY NOT BY TELEPORTATION LIKE EVERYONE ELSE?
I--I CAN'T TELL YOU THAT!
GREAT GANYMEDE! WHAT IS SHE CONCEALING?
SUDDENLY...
UHH- THE QUEEN ASTRA-- STRUCK SOMETHING--!

WHEN WARD COMES TO, MOMENTS LATER...
WHAT HIT US WAS A SORT OF SPACE BOOM, MR. MILES-- LIKE THE SONIC BOOM CAUSED BY JET AIRCRAFT IN AN ATMOSPHERE! WE DON'T KNOW WHAT IT WAS FROM- BUT THE SHOCK KNOCKED OUT YOUR FATHER! HE'S HURT!
EH?
ON THE BRIDGE...
WARD, SON, I WANT YOU TO FLY THE SHIP! THAT LURCH... AN OLD INJURY MY SHOULDER...
DAD, I CAN'T!
I'M NOT EVEN A QUALIFIED PILOT! SPACESHIP RUNS ENDED BEFORE I COULD GET MY PILOT'S LICENSE! YOU--YOU'LL BE ALL RIGHT!
LOOK!
AS ALL EYES WHIRL TOWARD THE SHIP'S STEWARD WHO IS STARING ROUND-EYED OUT INTO SPACE...
SPACE-TORNADO! I'VE HEARD ABOUT THEM--NEVER SAW ONE BEFORE!
THAT MUST HAVE BEEN THE CAUSE OF THE SHOCK WE FELT BEFORE! IT'S COMING AT FANTASTIC SPEED--NO WAY TO AVOID IT!
WARD, WE NEED YOU...MORE THAN EVER...TO GET US THROUGH THIS ALIVE! TAKE THE CONTROLS!
DAD, I'VE NEVER PILOTED A SHIP THIS SIZE IN DEEP SPACE! I DON'T THINK I CAN--
YOU CAN DO IT, WARD! I KNOW YOU CAN!
MISS TAINE--DIAR--YOU HERE--?
WARD, I'LL TELL YOU NOW WHY I'M ON THIS SHIP! IT'S BECAUSE...WELL, BECAUSE I SAW YOU COME ABOARD! I--FOLLOWED YOU--
I STILL DON'T UNDERSTAND...

I WANTED TO BE NEAR YOU! I GUESS .. I FELL IN LOVE .. AS THE OLD BOOKS SAY...
DIAR!
I KNOW YOU CAN GET US THROUGH SAFELY... IF YOU TRY...
YOU... MAKE IT SOUND... EASY...
WITH SUDDEN DECISION, WARD TAKES HIS SEAT AT THE CONTROLS...
EVERYBODY INTO SAFETY SEATS WITH BELTS ON!
AS THE TORNADO WHIPS TOWARD THE SPACE SHIP IN THE GREAT ABYSS OF SPACE...
THEY TOLD US AT SPACE-SCHOOL THAT THERE'S NOBODY SO ALONE AS THE MAN AT THE STICK OF A SPACESHIP! I KNOW WHAT THEY MEANT NOW...
GRIMLY, DOGGEDLY, WARD WORKS HIS JETS.
...ONLY CHANCE... TO KEEP HER NOSE POINTED INTO THE STORM! IF IT HITS BROADSIDE... WE'LL BE BROKEN IN TWO!

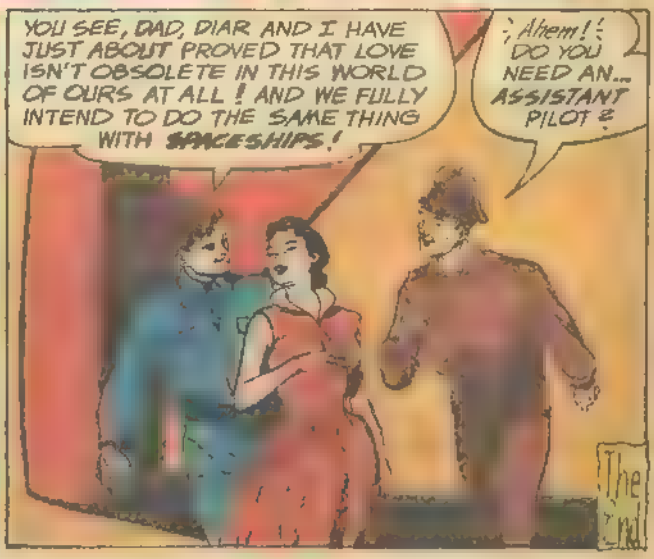

AT THE END OF A TERRIBLE HOUR..
WARD, DARLING--YOU DID IT! THE SPACE-TORNADO HAS PASSED US AS SUDDENLY AS IT APPEARED!
"WARD, DARLING"... IT'S MUSIC TO MY EARS...


AFTER THE YOUTH HAS ACCEPTED THE CONGRATULATIONS OF ALL, ESPECIALLY HIS DAD...
WARD...YOU HAVEN'T SAID YET,.. THAT YOU LOVE ME...
OH, I DO, DIAR--I DO! AND THOUGH IT MAY BE VERY OLD-FASHIONED TO SAY SO, IT WAS FROM THE MOMENT I SAW YOU!

BUT I CAN'T SUPPORT A WIFE! I HAVEN'T EVEN GOT A JOB! WAIT A SECOND! DO YOU KNOW, DIAR, I'VE BEEN THINKING OF SOMETHING ON THIS TRIP! LISTEN...

LATER, AFTER A SAFE AND UNEVENTFUL LANDFALL AT PLUTO PORT...
WHAT? YOU WANT TO BUY UP THE QUEEN ASTRA--AT THE BARGAIN PRICE THE GOVERNMENT HAS SET ON IT--AND TURN IT INTO A CRUISE LINER TO TOUR THE PLANETS? WHY, I'LL HELP FINANCE THAT PROJECT, WARD!
THANKS, DAD!

WE CAN'T MISS! OUR SLOGAN WILL BE "TRAVEL THE SPACE-WAY AND SEE THE STARS!" WHY WE EVEN SIGNED UP MOST OF THE PASSENGERS ON THIS TRIP FOR OUR FIRST CRUISE!

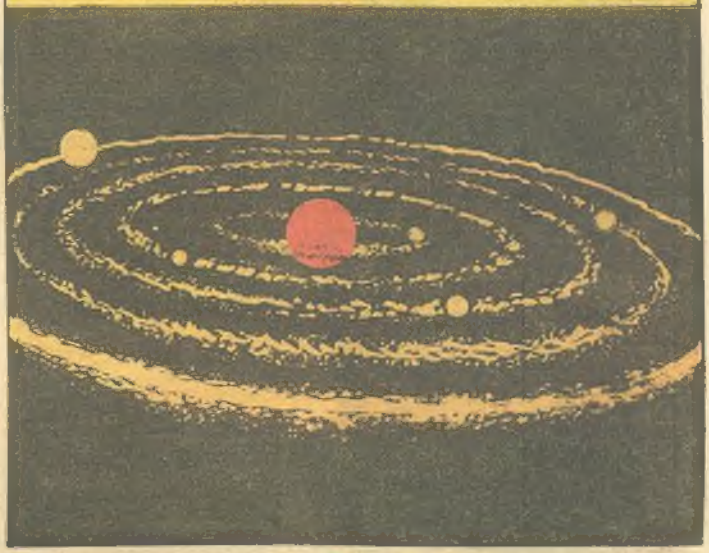

YOU SEE, DAD, DIAR AND I HAVE JUST ABOUT PROVED THAT LOVE ISN'T OBSOLETE IN THIS WORLD OF OURS AT ALL! AND WE FULLY INTEND TO DO THE SAME THING WITH SPACESHIPS!
Ahem! DO YOU NEED AN... ASSISTANT PILOT?
The End

Biography of the EARTH

GEOLOGICAL SURVEYS HAVE SET THE AGE OF THE EARTH AT MORE THAN TWO BILLION YEARS. BUT THEORIES ACCOUNTING FOR THE ORIGIN OF OUR PLANET ARE MANY AND VARIED -- AND STILL UNPROVEN ...

THE FIRST SCIENTIFIC ATTEMPT TO EXPLAIN THE BIRTH OF THE EARTH WAS MADE IN 1749 BY THE FRENCH NATURALIST, GEORGE-LOUIS LECLERC. HIS HYPOTHESIS SUGGESTED THAT THE ORIGIN OF THE PLANETS RESULTED FROM A COLLISION OF THE SUN AND A STRAY COMET...

AT THE CLOSE OF THE 18TH CENTURY, THE GERMAN PHILOSOPHER, IMMANUEL KANT PROPOSED THE IDEA OF A GIANT SUN, WHICH IN COOLING OFF AND THEREBY INCREASING ITS CENTRIFUGAL FORCE, THREW OFF A SERIES OF GASEOUS RINGS ALONG ITS EQUATOR!



DURING THE LAST TEN YEARS, THE GERMAN PHYSICIST C. WEIZSACKER OFFERED A MODIFICATION OF THE OLD KANT RING-HYPOTHESIS... WHEN OUR SUN WAS FIRST FORMED BY THE CONDENSATION OF INTERSTELLAR MATTER, A LARGE PART OF IT REMAINED ON THE OUTSIDE FORMING A GIANT ROTATING ENVELOPE--CONSISTING OF NONCONDENSIBLE GASES AND DUST PARTICLES OF VARIOUS TERRESTRIAL MATERIALS. THE FORMATION OF BIG LUMPS OF "TERRESTRIAL" MATERIALS (THE PLANETS) TOOK PLACE AS A RESULT OF ***COLLISION*** OF DUST PARTICLES AND THEIR GRADUAL ***AGGREGATION*** INTO LARGER AND LARGER BODIES!

ADVERTISEMENT

DO YOU WANT SPENDING MONEY?

Sell these popular Patriotic and Religious Mottoes

SEND US NO MONEY IN ADVANCE

Just write and ask us to send you 40 of these beautiful glittering mottoes which the public likes so well. Sell them easily and quickly to your friends and neighbors for only 35c each. At the end of 14 days send back, if you wish, all mottoes you have not sold, and send us only 25c for each you have sold. You keep all the rest of the money.

IF YOU SELL 25, YOU KEEP $2.50

IF YOU SELL 30, YOU KEEP $3.00

IF YOU SELL ALL 40 YOU KEEP $4.00

REMEMBER: No money is needed in advance. You take no risks. You can return all the mottoes you do not sell. You do not pay shipping costs or split your commission. You keep all the profit on each sale.

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Dept. LN P. O. Box 1004
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JOE WEIDER
"The Muscle Builder"
"Trainer of Champions"

IN 15 MINUTES
I'LL PROVE YOU CAN HAVE A RUGGED, VIRILE, HE-MAN BODY!

Let me add 5 to 50 Pounds of "He-Man" muscles to your body. Pack 3 inches of "Steel-like" muscles to your arms. Add another 10 inches of rugged muscles to your chest — right in the privacy of your own home!

THIS CERTAINLY CAN HAPPEN TO YOU!

What I did for these former weaklings I can do for you!

HERE'S LIVING PROOF!

ANDRE LEPINE
Gains 80 lbs.
OF SOLID MUSCLE

BEFORE

BEFORE mailing the coupon . . . 100 pounds of skin and bones! What a rundown wreck! He had 10-inch pipe-stem arms — a flat 34 inch chest. Truly a pathetic case of weakness before he mailed me this coupon!

AFTER

AFTER Weider Training! What a Change! What a Build! 180 pounds — a mountain of mighty muscles, loaded with Herculean 17-inch arms, magnificent 48-inch chest and shoulders a yard wide! Another dream come true!

MY PUPILS WIN "MR UNIVERSE" TITLES

Jack Delinger and Ray Schaffer, both "Mr. America" and "Mr. Universe" winners. My pupils have also won "Mr. Europe", "World's Best Built" and "Strongest Man" titles.

The world's best built men are your instructors! They show you the exercises that will build your arms, chest, shoulders and waist, twice as fast as you ever thought possible!

CLARENCE ROSS
"Mr. America"
Tells you how he built his muscles The Weider Way.

REG LEWIS
"Mr. Universe"
Tells you how he built his giant strength and power.

DOUG STROHL
"Mr. California"
Reveals to you how he gained 80 lbs. of he-man muscles.

LEO ROBERT
"World's Best Built Man"
Lets you into all the secret exercises of the champions.

JUST 15 MINUTES TO THAT RUGGED, DYNAMIC, HE-MAN BUILD YOU ALWAYS WANTED!

Give me 15 minutes right in the privacy of your own home and I will prove to you that in half the time and with twice the ease, in just a few minutes daily, I will, through my TRIPLE-PROGRESSION COURSE, slap inches of steel muscles to your pipe stem arms, pack your chest with power and size, give you life-guard shoulders, dynamic, speedy athletic legs — add jet-charged strength to every muscle in your body. I don't care if you're short or tall, skinny or fat, office-worker, laborer, school-boy, or businessman, I must make a new virile he-man out of you, and also . . . help you build "inner strength" that will give you the virile look that women admire and men envy. What I did for Andre Lepine, Jack Delinger, Ray Schaffer and other "Mr. America" winners — and thousands of weaklings — I can do for you! *Yes, I can turn you into a Real He-Man.*

THE $10,000 CHALLENGE
only Joe Weider dares to make!

I guarantee to show you how to add twice as much muscle — triple your power — gain more weight twice as fast through my system of training than you could through any other method, and in HALF THE TIME! I challenge any other physical instructor in the world who teaches through the mails, to accept my challenge!

JOE WEIDER

YOURS FREE! NOTHING TO BUY!
AMAZING FREE TRIAL OFFER!
Don't miss this once-in-a-lifetime opportunity

LET ME PROVE TO YOU AT MY OWN EXPENSE THAT EVERYTHING I SAY CAN BE DONE!

FREE MUSCLE BUILDING TRIAL OFFER. Fill out coupon and mail to me. I'll rush you my Giant 48-page course, filled with exercises, training secrets, heroic photos of the mighty champions and private advice on how you can become a muscle star fast! A-C-T-I-O-N Is The Key To Strength. Make your first he-man decision to-day. Rush in this coupon for your free trial course. You have nothing to lose but your weakness.

MY FREE TRIAL OFFER IS NOW YOURS AS A FREE GIFT! NO OBLIGATION ON YOUR PART... JUST RUSH ME THIS COUPON NOW.

MAIL COUPON FOR YOUR FREE COURSE

Check here where you want bigger muscles . . . I'll show you how to put 'em there!

( ) ARMS
( ) NECK
( ) CHEST
( ) WAIST
( ) THIGHS
( ) CALVES

(check the gains you want)

I WANT ☐ Added Weight ☐ Broader Shoulders ☐ Speedier Athletic Legs ☐ More Endurance and Energy

JOE WEIDER Dept. BO-50K
"Trainer of the Champions"
803 Palisade Ave.,
Union City, N. J.

Shoot the works, Joe! Rush me my Free Introductory, Power-Charged, Muscle Building Course. (I enclose only 25 cents to cover cost of handling and mailing) I am under no obligation.

Name.....Age.....
Address.....
City.....Zone....State.....
(Please print name clearly)

CANADIAN RESIDENTS: Send to Above Adress. No Duty Charges Involved.

BOYS! GIRLS! LADIES! MEN!

WIN A BEAUTIFUL SIGNET RING

ENGRAVED WITH YOUR OWN INITIAL

Ring is a real beauty! Made of sturdy, nickel silver, polished and rhodium plated for bright, long wear. Size is quickly adjustable to fit any finger!

DON'T WAIT! MAIL COUPON NOW!

BE FIRST WIN YOUR VERY OWN SIGNET RING

IT'S FUN! IT'S EASY!

★ *All you do is . . .* ★

NAME THESE FAMOUS U. S. PRESIDENTS

Just Get All 4 Right . . . We'll Send Your

GENUINE NICKEL SILVER SIGNET RING ABSOLUTELY FREE!

(A really terrific ring — made up with your own initial)

Also we'll mail *BIG CATALOG* showing Bikes, Dolls, Guns, Watches, etc. — *You can get at no cost!* You'll be tickled pink and proud as a peacock to wear this strikingly beautiful ring. Wait till you see it! And it's so easy to win. Simply check on coupon the correct names of the 4 famous American Presidents shown in the pictures above and mail to us. If you name all 4 Presidents correctly, we will send you ABSOLUTELY FREE your OWN PERSONAL SIGNET RING — made up with your own initial (you may have your choice of first letter of either first or last name.) Also, we will send you big FREE CATALOG of wonderful PREMIUMS — Bikes, Wrist Watches, Guns, Dolls and dozens of others — and tell you how to get them *at no cost!* Simply offer White CLOVERINE BRAND SALVE, easily sold to friends, relatives and neighbors, at 50c a package, and choose your PREMIUM or CASH COMMISSION. But right now, name correctly the Presidents shown above and get your BEAUTIFUL SIGNET RING—ABSOLUTELY FREE! Rush coupon today!

HURRY! HURRY! CHECK YOUR ANSWERS ON THE COUPON . . .

Then mail coupon to win your BEAUTIFUL SIGNET RING

Win genuine nickel silver SIGNET RING — ABSOLUTELY FREE! Just name correctly the 4 famous American Presidents pictured above. Check names on coupon—fill in rest of coupon and mail to us. IT'S EASY TO WIN—ACT NOW!

WILSON CHEMICAL CO.
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MAIL THIS COUPON TODAY! WIN A BEAUTIFUL SIGNET RING!

Wilson Chemical Co., Dept. 115-30, Tyrone, Pa.

Famous American Presidents shown in pictures are (check 4 only)

☐ George Washington ☐ Theodore Roosevelt ☐ Thomas Jefferson
☐ Abraham Lincoln ☐ Ulysses Grant ☐ James Madison

If I am a winner, rush my GENUINE NICKEL SILVER SIGNET RING and 14 packages of White CLOVERINE BRAND SALVE to sell at 50c a package. I will remit amount asked within 30 days, select a PREMIUM or keep CASH COMMISSION as explained under Premium in Catalog sent with order, postage paid to start.

NAME _____ AGE _____

STREET _____ RD _____ BOX _____

TOWN _____ ZONE _____ STATE _____

I want my Ring with this initial _____

PRINT LAST NAME HERE

Paste coupon on post card or mail in envelope today!